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12711	48895	BFR11712	24773	60957	LMO102654	36834	73018	SPA101768
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13484	49668	BFU107897	25546	61730	MAV101361	37607	73791	SPN400341
13485	49669	BFU107929	25547	61731	MAV101369	37608	73792	SPN400343
13486	49670	BFU107935	25548	61732	MAV101379	37609	73793	SPN400352
13487	49671	BFU107936	25549	61733	MAV101383	37610	73794	SPN400358
13488	49672	BFU107948	25550	61734	MAV101386	37611	73795	SPN400359
13489	49673	BFU107954	25551	61735	MAV101405	37612	73796	SPN400363
13490	49674	BFU107966	25552	61736	MAV101408	37613	73797	SPN400364
13491	49675	BFU107996	25553	61737	MAV101410	37614	73798	SPN400368
13492	49676	BFU107999	25554	61738	MAV101412	37615	73799	SPN400372
13493	49677	BFU108040	25555	61739	MAV101415	37616	73800	SPN400374
13494	49678	BFU108046	25556	61740	MAV101420	37617	73801	SPN400375
13495	49679	BFU108056	25557	61741	MAV101428	37618	73802	SPN400377
13496	49680	BFU108081	25558	61742	MAV101429	37619	73803	SPN400378
13497	49681	BFU108097	25559	61743	MAV101430	37620	73804	SPN400379
13498	49682	BFU108057	25560	61744	MAV101431	37621	73805	SPN400380
13499	49683	BFU108127	25561	61745	MAV101439	37622	73806	SPN400381
13500	49684	BFU108139	25562	61746	MAV101441	37623	73807	SPN400382
13501	49685	BFU108190	25563	61747	MAV101449	37624	73808	SPN400383
13501	49686	BFU108232	25564	61748	MAV101468	37625	73809	SPN400384
13502	49687	BFU108244	25565	61749	MAV101400 MAV101477	37626	73810	SPN400385
13503	49688	BFU108289	25566	61750	MAV101477 MAV101484	37627	73810	SPN400386
13504	49689	BFU108289	25567	61751	MAV101485	37628	73811	SPN400387
13505	49690	BFU108292 BFU108338	25568	61752	MAV101485 MAV101486	37629	73812	SPN400390
13507	49691	BFU108387	25569	61753	MAV101480 MAV101497	37630	73813	SPN400393
13507	49691	BFU108542	25570	61754	MAV101497 MAV101501	37631	73814	SPN400394
	49693	BFU108548	25570	61755	MAV101501 MAV101544	37632	73815	SPN400395
13509	49694	BFU108548 BFU108641	25572	61756	MAV101547	37632	73817	SPN400396
13510	49695	BFU108643	25573	61757	MAV101547 MAV101548	37634	73817	SPN400398
13511	49696 49696	BFU108644	25574	61758	MAV101549	37635	73818	SPN400401
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13514	49698	BFU108672	25576	61760	MAV101552	37637	73821	SPN400409
13515	49699	BFU108696	25577	61761	MAV101559	37638		
13516	49700	BFU108703	25578	61762	MAV101560	37639	73823	SPN400426
13517	49701	BFU108704	25579	61763	MAV101562	37640	73824	SPN400427
13518	49702	BFU108711	25580	61764	MAV101591	37641	73825	SPN400428
13519	49703	BFU108726	25581	61765	MAV101610	37642	73826	SPN400432
13520	49704	BFU108758	25582	61766	MAV101627	37643	73827	SPN400434
13521	49705	BFU108762	25583	61767	MAV101637	37644	73828	SPN400438
13522	49706	BFU108766	25584	61768	MAV101641	37645	73829	SPN400439
13523	49707	BFU108796	25585	61769	MAV101648	37646	73830	SPN400441
13524	49708	BFU108797	25586	61770	MAV101663	37647	73831	SPN400444
13525	49709	BFU108805	25587	61771	MAV101692	37648	73832	SPN400445

SeqID SeqI	DNA	Protein	Gene LocusID	DNA	Protein	Gene LocusID	DNA	Protein	Gene LocusID
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13546	13544	49728	BFU109270	25606	61790	MAV101842	37667	73851	SPN400521
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13550	13548	49732	BFU109335	25610	61794	MAV101853	37671	73855	SPN400540
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13552	13550	49734	BFU109391	25612	61796	MAV101886	37673		SPN400552
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144 0 50594 BMA 107756 26472 62555 MBV 103108 38532 747 15 SPY201365 14411 50595 BMA 107767 26473 62657 MBV 103119 38534 74718 SPY201365 14412 50596 BMA 107769 26474 62658 MBV 103153 38533 74719 SPY201365 14412 50597 BMA 107769 26475 62659 MBV 103153 38533 74719 SPY201383 14414 50598 BMA 107802 26476 62669 MBV 103157 38537 74721 SPY201383 14414 50599 BMA 107802 26476 62660 MBV 103157 38537 74721 SPY201383 14416 50600 BMA 107816 26479 62663 MBV 103157 38537 74722 SPY201388 14416 50601 BMA 107817 26479 62663 MBV 103199 38539 74723 SPY201389 14419 50601 BMA 107814 26481 62655 MBV 103220 38541 74725 SPY201392 14420 50604 BMA 107841 26482 62666 MBV 103227 38543 74722 SPY201403 14420 50606 BMA 107842 26482 62666 MBV 103227 38544 74728 SPY201404 14422 50606 BMA 107842 26485 62669 MBV 103227 38544 74728 SPY201408 14424 50606 BMA 107842 26486 62670 MBV 103242 38545 74729 SPY201408 14424 50608 BMA 107852 26485 62669 MBV 103262 38546 74730 SPY201408 14426 50610 BMA 107992 26488 62673 MBV 103316 38549 74733 SPY201418 14425 50608 BMA 107993 26488 62673 MBV 103316 38549 74733 SPY201431 14426 50611 BMA 107993 26489 62673 MBV 103316 38550 74734 SPY201431 14433 50614 BMA 107994 26496 62675 MBV 103317 38551 74735 SPY201441 14431 50618 BMA 107994 26496 62676 MBV 103317 38551 74737 SPY201441 14431 50618 BMA 108903 26494 62673 MBV 103317 38551 74737 SPY201441 14431 50618 BMA 108903 26496 62679 MBV 103317 38555 74739 SPY201445 14433 50617 BMA 108062 26696 62690 MBV 103347 38555 74739 SPY201445 14444 50623 BMA 108062 26696 MBV 103347 38555 74746 SPY201457 14444 50625 BMA 108062 26696 62690 MBV 103347 38556 74746	14407	50591	BMA107737	26469	62653	MBV103054	38530	74714	SPY201356
14410 50595 BMA107767 26473 62657 MBV103100 38533 74717 SPY201365 14412 50595 BMA107767 26474 62658 MBV103153 38535 74719 SPY201386 14413 50597 BMA107787 26475 62659 MBV103155 38536 74720 SPY201382 14414 50598 BMA107802 26476 62660 MBV103157 38537 74721 SPY201387 14415 50599 BMA107816 26476 62660 MBV103157 38537 74721 SPY201387 14416 50600 BMA107816 26478 62662 MBV103159 38538 74722 SPY201389 14417 50601 BMA107817 26479 62663 MBV103199 38539 74723 SPY201389 14418 50602 BMA107831 26480 62664 MBV103201 38540 74724 SPY201392 14418 50603 BMA107834 26481 62665 MBV103201 38541 74725 SPY201398 14420 50604 BMA107841 26482 62666 MBV103220 38542 74726 SPY201403 14421 50605 BMA107844 26483 62666 MBV103227 38543 74727 SPY201407 14422 50606 BMA107849 26484 62668 MBV103222 38544 74728 SPY201407 14424 50608 BMA107852 26485 62669 MBV103242 38545 74729 SPY201407 14425 50609 BMA107852 26485 62669 MBV103262 38546 74730 SPY201404 14424 50608 BMA107852 26485 62669 MBV103302 38544 74738 SPY201404 14425 50609 BMA107852 26488 62673 MBV103315 38549 74733 SPY201414 14426 50610 BMA107904 26487 62671 MBV103315 38549 74733 SPY201414 14427 50611 BMA107904 26488 62672 MBV103315 38550 74734 SPY201436 14428 50612 BMA107904 26488 62673 MBV103316 38550 74736 SPY201441 14431 50615 BMA107904 26488 62673 MBV103315 38550 74736 SPY201441 14431 50615 BMA108007 26492 62676 MBV103317 38551 74735 SPY201449 14432 50616 BMA108007 26492 62676 MBV103317 38557 74731 SPY201446 14433 50612 BMA108080 26492 62676 MBV103317 38557 74731 SPY201449 14433 50618 BMA108080 26696 62680 MBV103377 38557 74	14408	50592	BMA107745	26470	62654	MBV103086	38531	74715	SPY201361
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14412 50599 BMA107789 26475 62658 MBV103153 38535 747120 SPY201383 14414 50598 BMA107802 26476 62660 MBV103157 38537 74721 SPY201387 14415 50599 BMA107802 26476 62661 MBV103157 38537 74721 SPY201387 14415 50599 BMA107802 26478 62662 MBV103199 38539 74722 SPY2013887 14417 50601 BMA107817 26478 62662 MBV103199 38539 74722 SPY201389 14417 50601 BMA107817 26479 62663 MBV103201 38540 74724 SPY201398 14419 50602 BMA107830 26481 62665 MBV103203 38540 74724 SPY201398 14419 50603 BMA107841 26482 62666 MBV103220 38542 74725 SPY201403 14420 50604 BMA107841 26483 62667 MBV103229 38543 74727 SPY201406 14421 50605 BMA107844 26483 62667 MBV103229 38544 74728 SPY201407 14422 50606 BMA107849 26484 62668 MBV103222 38544 74728 SPY201407 14424 50608 BMA107843 26485 62669 MBV103222 38544 74728 SPY201407 14424 50608 BMA107852 26485 62669 MBV103266 38547 74731 SPY201414 14424 50609 BMA107994 26488 62673 MBV103315 38549 74733 SPY201414 14426 50610 BMA107994 26488 62673 MBV103315 38550 74734 SPY201431 14428 50612 BMA107994 26490 62674 MBV103317 38551 74735 SPY201449 14430 50612 BMA107994 26491 62675 MBV103317 38551 74736 SPY201441 14431 50615 BMA108007 26495 62679 MBV103317 38551 74736 SPY201441 14431 50615 BMA108007 26495 62679 MBV103340 38555 74736 SPY201449 14433 50616 BMA108007 26495 62680 MBV103347 38557 74741 SPY201451 14435 50616 BMA108007 26495 62680 MBV103347 38557 74741 SPY201451 14434 50621 BMA108007 26495 62680 MBV103347 38557 74741 SPY201451 14435 50616 BMA108007 26495 62680 MBV103347 38557 7474 SPY201457 14444 50622 BMA108121 26500 62680 MBV103349 38556 74750 SPY201449 14444 50623 BMA108062	14410	50594	BMA107760	26472	62656	MBV103100			SPY201365
14413 50598 BMA107778 26475 62659 MBV103157 38536 74720 SPY201383 14416 50599 BMA107802 26476 62660 MBV103159 38538 74722 SPY201388 14416 50600 BMA107816 26478 62662 MBV103159 38538 74722 SPY201388 14416 50601 BMA107817 26479 26661 MBV103201 38540 74723 SPY201389 14418 50602 BMA107830 26480 62664 MBV103201 38540 74723 SPY201398 14419 50603 BMA107831 26481 62665 MBV103201 38542 74726 SPY201398 14420 50604 BMA107841 26482 62666 MBV103227 38542 74726 SPY201403 14421 50605 BMA107841 26482 62666 MBV103227 38543 74727 SPY201406 14422 50606 BMA107842 26483 62666 MBV103227 38544 74728 SPY201407 14422 50606 BMA107842 26483 62666 MBV103227 38544 74728 SPY201407 14424 50606 BMA107832 26485 62669 MBV103202 38544 74728 SPY201407 14424 50608 BMA107832 26486 62667 MBV103242 38544 74728 SPY201407 14425 50608 BMA107904 26487 62671 MBV103301 38548 74730 SPY201418 14425 50610 BMA107992 26488 62672 MBV103316 38550 74734 SPY201431 14427 50611 BMA107932 26489 62673 MBV103316 38550 74734 SPY201431 14428 50612 BMA107940 26490 62674 MBV103316 38550 74734 SPY201431 14431 50615 BMA108003 26494 62678 MBV103326 38555 74739 SPY201445 14433 50616 BMA108003 26496 62668 MBV103336 38555 74739 SPY201445 14435 50618 BMA108003 26496 62668 MBV103337 38555 74740 SPY201445 14435 50619 BMA108002 26499 62681 MBV103349 38555 74740 SPY201445 14435 50619 BMA108062 26696 62684 MBV103349 38556 74746 SPY201456 14444 50626 BMA108062 26690 62684 MBV103347 38557 74745 SPY201456 14444 50626 BMA108062 26690 62684 MBV103347 38556 74746 SPY201456 14444 50626 BMA108062 26690 62684 MBV103349 38556 74746 SPY201459 14444 50626 BMA108260	14411	50595	BMA107767	26473	62657	MBV103119			
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	50660	BMA108586	26538	62722	MBV104007 MBV104023	38599	74782	SPY201573
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14737	50921	BPT100700	26799	62983	MCA100493	38860	75044	STM101669
14738	50922	BPT100702	26800	62984	MCA100501	38861	75045	STM101672
14739	50923	BPT100703	26801	62985	MCA100516	38862	75046	STM101673
14740	50924	BPT100709	26802	62986	MCA100523	38863	75047	STM101679
14741	50925	BPT100713	26803	62987	MCA100527	38864	75048	STM101682
14742	50926	BPT100719	26804	62988	MCA100528	38865	75049	STM101688
14743	50927	BPT100743	26805	62989	MCA100529	38866	75050	STM101689
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14752	50936	BPT100787	26814	62998	MCA100569	38875	75059	STM101822
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14755	50939	BPT100797	26817	63001	MCA100597	38878	75062	STM101851
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14757	50941	BPT100805	26819	63003	MCA100604	38880	75064	STM101859
14758	50942	BPT100807	26820	63004	MCA100612	38881	75065	STM101862
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14787	50971	BPT100873	26849	63033	MCA100762	38910	75094	STM102073
14788	50972	BPT100876	26850	63034	MCA100763	38911	75095 75006	STM102120
14789	50973 50974	BPT100880	26851	63035	MCA100766	38912	75096 75097	STM102124
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14793	50977	BPT100892	26855	63039	MCA100776	38916	75100	STM102145
14794	50978	BPT100893	26856	63040	MCA100777	38917	75101	STM102148
14795	50979	BPT100894	26857	63041	MCA100778	38918	75102	STM102165
14796	50980	BPT100895	26858	63042	MCA100779	38919	75103	STM102169
14797	50981	BPT100896	26859	63043	MCA100780	38920	75104	STM102195
14798	50982	BPT100897	26860	63044	MCA100781	38921	75105	STM102200
14799	50983	BPT100902	26861	63045	MCA100787	38922	75106	STM102205
14800	50984	BPT100905	26862	63046	MCA100789	38923	75107	STM102228
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14810	50994	BPT100938	26872	63056	MCA100819	38933	75117	STM102282
14811	50995	BPT100939	26873	63057	MCA100820	38934	75118	STM102305
14812	50996	BPT100941	26874	63058	MCA100821	38935	75119	STM102306
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14815	50999	BPT100949	26877	63061	MCA100833	38938	75122	STM102321
14816	51000	BPT100950	26878	63062	MCA100840	38939	75123	STM102325
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14818	51002	BPT100964	26880	63064	MCA100862	38941	75125	STM102357
14819	51003	BPT100968	26881	63065	MCA100864	38942	75126	STM102393
14820	51004	BPT100969	26882	63066	MCA100865	38943	75127	STM102408
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15733	51917	CAC102383	27795	63979	MLP101184	39856	76040	STY103282
15734	51918	CAC102388	27796	63980	MLP101190	39857	76041	STY103289
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15785	51969	CAC102648	27847	64031	MLP101438	39908	76092	STY103518
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15791	51975	CAC102676	27853	64037	MLP101478	39914	76098	STY103566
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15793	51977	CAC102691	27855	64039	MLP101485	39916	76100	STY103600
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15826	52010	CAC102817	27888	64072	MPN100032	39949	76133	STY103813
15827	52011	CAC102832	27889	64073	MPN100037	39950	76134	STY103815
15828	52012	CAC102855	27890	64074	MPN100038	39951	76135	STY103818
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15897	52081	CAC103209	27959	64143	MPN100223	40020	76204	STY104029
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15924	52107	CAC103410	27986	64170	MPN100311	40047	76231	STY104163
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15926	52110	CAC103418	27988	64172	MPN100322	40049	76233	STY104171
15927	52111	CAC103420	27989	64173	MPN100323	40050	76234	STY104172
15928	52112	CAC103422	27990	64174	MPN100326	40051	76235	STY104173
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17435	53619	CDF104394	29497	65681	NME200305	41558	77742	YPS000160
17436	53620	CDF104406	29498	65682	NME200306	41559	77743	YPS000161
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